

# FLEET REPORT

*Nevada Highway Patrol*

Lt. Bill Bainter

## Overview

### Monthly Shop Report for Reno:

During the month of September, the Reno shop stripped 24 patrol units and surplused these units to State Purchasing.

The Reno mechanic shop is completing the recall campaign for the defective cooling systems on the Chevy Impala's. During the month of September, three Impala cooling systems were repaired (recalled) at the dealership. In addition, recall work was completed on a Ford Explorer for a defective seat bolt, hood latch and cruise control problem. All recall work is completed at no cost to the division.

During the month of September, the Northern Command sustained two Chevy Impala transmission failures. Fortunately, both units were covered under factory warranty and NHP paid only a \$100.00 deductible per vehicle. In addition, two Chevy Impala body control modules failed and were replaced by the NHP mechanics. This repair was not covered under factory warranty and the cost was \$400.00 per unit.

The Reno shop replaced six cooling fan assemblies on Chevy Impala's during the month of September. The cooling fans were not covered under factory warranty and the cost was \$350.00 per vehicle.

The Reno shop reported one 2004 Ford Crown Victoria transmission problem that was covered under factory warranty.

### Monthly Shop Report for Elko:

The Elko shop reported one Ford Crown Victoria transmission failure during the month of September. The transmission was covered under extended warranty.

The Elko shop reported one Impala catalytic converter failure (plugging) and one Impala exhaust manifold replacement. Both repairs were covered under extended warranty with a \$100.00 deductible.

One Chevrolet pickup had an air bag repaired by the dealership. This was not covered under warranty and the cost was \$400.00.

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## Nevada Highway Patrol

Headquarters  
Fleet Operation  
Al Robinson  
Fleet Manager

555 Wright Way  
Carson City, NV  
89711-0525

PHONE:  
(775) 684-4468

FAX:  
(775) 684-4649

### Monthly Shop Report for Las Vegas:

The Las Vegas Shop is reporting numerous alternator failures with the 2003 Ford Crown Victoria Police Interceptors. The cause of these failures is due to the high temperatures in the Las Vegas region that patrol units operate in. When emergency equipment is activated, it draws additional amps that causes the alternators in the Las Vegas area to over heat, under charge and fail. Al Robinson researched the problem and the Ford dealership is recommending a 200 amp alternator replacement. The 2003 Ford Crown Victoria's are currently equipped with a 130 amp alternator. The alternator repairs are not covered under factory warranty and the costs are \$288.00 per vehicle. The temperatures in the Northern and Central commands are not causing problems with the 130 amp alternators.

The Las Vegas Shop is currently installing emergency equipment and radios in the new 2004 vehicles. Las Vegas has four Crown Victoria's and one Ford Expedition left to build. It is anticipated that vehicle builds will be completed by the end of October.

The Las Vegas Shop did not report any transmission failures for the month of September.

The Las Vegas Shop installed four cooling fan assemblies on Chevrolet Impalas during the month of September. The cooling fans were not covered under factory warranty and the cost was \$350.00 per vehicle.

The commercial enforcement Chevrolet Pickup beds are still cracking due to excessive weight from the camper shells. To resolve this problem, fleet ordered tonneau covers (several months ago) to replace the camper shells. State Purchasing is currently in the bid process and delivery of the tonneau covers is expected by mid November.

### Monthly Shop Statistics

#### Overtime worked for September 2004:

Reno Shop  
0 Hours

Elko Shop  
20 Hours

Las Vegas Shop  
83 hours

#### Overtime Justification:

**Reno:** -0- hours

**Elko:** 20 hours Shop coverage

#### **Las Vegas:**

27.5 hours building new and stripping vehicles

31.0 hours coverage

22.0 call out

2.5 vehicle transport

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### Repairs completed September 2004:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
46 PM Services	37 PM Services	51 PM Services
95 Repairs	48 Repairs	117 Repairs
Totals: <u>141</u>	<u>85</u>	<u>178</u>
Total Statewide services and repairs: <b>404</b>		

Note: PM stands for preventative maintenance services

### Vehicle Registrations:

Procedures were established in which Terry Lukas registers vehicles when vehicle status reports are received in Fleet Headquarters. Status reports are completed at the NHP shops and forwarded to Headquarters for processing. All NHP vehicle registrations are current.

### F/Y 2005 Fleet Vehicle Orders:

During the month of September, NHP Fleet ordered 53 Crown Victoria Police Interceptors, 8 Ford Expeditions and 4 Dodge Durango's. The new vehicles are for the following regions:

<b>F/Y 2004</b>	<b>Ford Crowns</b>	<b>Expeditions</b>	<b>Durango's</b>
<b>Northern Command:</b>	<u>12</u>	<u>2</u>	<u>1</u>
<b>Southern Command:</b>	<b>26</b>	<b>4</b>	<b>1</b>
<b>Central Command:</b>	<b>15</b>	<b>2</b>	<b>2</b>

The Durango, Expedition and Crown Victoria Police Interceptor were crash tested by NHTSA and all three vehicles received a **Five Star** Crash Rating\*.

\*source <http://nhtsa.dot.gov>

\*<http://automotivedigest.com>

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### Current Fleet Test Programs

<b>Delco-Delphi Batteries</b>	17 units	Las Vegas
<b>Michelin Tires</b>	25 units	Las Vegas
<b>Michelin Tires Commercial Enforcement</b>	11 units	Las Vegas
<b>Whelen CenCom Siren Controller</b>	3 units	Reno
	2 units	Elko
	5 units	Las Vegas
<b>Infineum Test Oil</b>	16 units	Elko
	7 units	Reno
	17 units	Las Vegas
<b>Code Three LED Overhead Light Bars</b>	6 units	Elko
	6 units	Reno
	3 units	Las Vegas
<b>DVD Digital In-Car Video System</b>	1 unit	Reno
<b>Dodge Durango</b>	1 unit	Reno
	2 units	Elko
	1 unit	Las Vegas
<b>Rollgard Suspension System</b>	2 units	<b>(Pending)</b>

### Windshield Damage Report:

	<u>Unit</u>	<u>Amount</u>
<b>F/Y 2005 (September)</b>		
Southern Command	3	open
Northern Command	1	open
Central Command	2	open
<b>Total</b>	<u>6</u>	<u>pending</u>

### Accident Damage Report:

	<u>Units Damaged</u>
<b>F/Y 2005 (September)</b>	
Southern Command	8 (4 trooper fault)
Northern Command	2 (0 trooper fault)
Central Command	3 (2 trooper fault)
<b>Total</b>	<u>13</u>

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**September Crash Fund Balance: \$ 120,399.25**

### Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

#### N-DOT Monthly Fuel Data

4713-04  
NDOT GAS

DATE	MONTH OF BILL	BILLING CLAIM #	AMOUNT	GALLONS OF GAS	AVERAGE COST PER GALLON
7/31/04	July		\$ 84,085.64	44903.9	\$ 1.84
8/31/04	August		\$ 85,682.99	46656.8	\$ 1.84
9/30/04	Sept.		\$ 87,677.00	48245.8	\$ 1.82
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	April				
	May				
	June				
	July				
<b>Total</b>			<b>\$ 257,445.63</b>	<b>139,806.5</b>	<b>\$1.84</b>

#### Western Energetix Monthly Fuel Data:

DATE	WESTERN ENERGETIX	GAL	DATE	GAL	CHEVRON
7/31/04	\$ 5,370.85	\$1.77	7/31/04	\$1.89	\$ 2,774.00
8/31/04	\$ 5,060.56	\$1.81	8/31/04	\$2.59	\$ 1,565.85
9/30/04	\$ 5,588.11	\$1.86	9/30/04	\$2.80	\$ 2,384.58
<b>TOTAL</b>	<b>\$ 16,019.52</b>	<b>\$1.82</b>	<b>TOTAL</b>	<b>\$2.43</b>	<b>\$ 6,724.43</b>

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**Texaco Monthly Fuel Data:**

FUEL REPORTS				
TEXACO			UNION	
<b>TOTAL</b>			<b>TOTAL</b>	

**Fuel Totals:**

<b>N-DOT</b>	<b>\$ 257,445.63</b>
<b>Western Energetix</b>	<b>16,019.52</b>
<b>Texaco</b>	<b>0</b>
<b>Union</b>	<b>0</b>
<b>Chevron</b>	<b>\$ 6,724.43</b>
	<b>\$ 280,189.58</b>

**Fuel Budgeted for FY05** **\$ 789,977.00**

For fiscal year 2005, NHP was budgeted **\$789,977** for fuel at **\$1.21** per gallon.

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FLEET INVENTORY				
Northern Command by Department				
DEPARTMENT			Units over 80,000 miles	
Traffic			96	11
COMMERCIAL			18	0
ADAPT			4	0
ACADEMY			8	4
UNASSIGNED			24	5
CVSI			3	0
LOANER			7	1
RADIO SHOP			2	0
RECONSTRUCTION			1	0
SHOP TRUCK			1	0
SPARE			7	2
ADMINISTRATIVE			0	0
STORE KEEPER			1	1
STRIP FOR TURN IN			19	19
GOV DETAIL			3	2
TAXI			3	1
MOTORHOME			1	
MOTORS			13	3 units over 50,000
MCSAP			3	0
TRAILERS			11	0
OUT OF SERVICE			2	0
PLANE			1	0
Units Exceeded			7	7

FLEET INVENTORY			
CENTRAL COMMAND			
DEPARTMENT	NUMBER VEHICLES	OVER 80,000 MILES	
Traffic	68	15	
COMMERCIAL	11	2	
UNASSIGNED	6	1	
ADAPT	1	1	
CVSI	2	0	
LOANERS	5	4	
RADIO SHOP	1	0	
RECONSTRUCTION TRUCK	1	0	
SHOP TRUCK	1	0	
SPARE	2	1	
ADMINISTRATIVE EVIDENCE	1	0	
STRIP FOR TURN IN	7	7	
TAXI	2	2	
TRAILERS	11	0	
MOTORHOME	1	0	
Units Exceeded	2	2	

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FLEET INVENTORY				
Southern Command by Department				
DEPARTMENT			NUMBER VEHICLES	OVER 80,000 MILES
TRAFFIC			119	31
COMMERICAL			18	2
UNASSIGNED			30	2
CVSI			4	0
LOANER			8	6
RADIO SHOP			3	0
RECONSTRUCTION			1	0
SHOP TRUCK			1	0
SPARE			0	0
ADMINISTRATIVE Evidence			1	0
STORE KEEPER			1	0
STRIP FOR TURN IN			12	12
GOV DETAIL			1	0
TAXI			4	3
MOTORHOME			1	0
MOTORS			10	0
MCSAP			1	0
TRAILERS			12	0
EXCESSED			4	0



